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- 1. Brent F. Balch
- 2. John O'Connell
- 3. William H. Hurd
- 4. Tom Spalding

1. 09/01/04; 2. 12/20/04;
3. 09/04/04; 4. 08/26/04

Execution Date(s)

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: SENSORMATIC ELECTRONICS CORPORATION

Internal Address: _____

Street Address: 6600 Congress Avenue

City: Boca Raton

State: Florida

Country: USA

Zip: 33487

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10/854,878

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Tyco Fire & Security Services

Internal Address: _____

Street Address: One Town Center Road

City: Boca Raton

State: Florida

Zip: 33486

Phone Number: _____

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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- None required (government interest not affecting title)

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Authorized User Name Frank A. Cona

9. Signature:

Signature

December 20, 2004

Date

Frank A. Cona

Name of Person Signing

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5

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12/29/2004 ECDDPER 00000010 191346 10854878

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PATENT
REEL: 016098 FRAME: 0346

PATENT ASSIGNMENT

Whereas, we, (1) Brent F. Balch, (2) John O'Connell, (3) William H. Hurd, and (4) Tom Spalding, have invented certain improvements in ANTENNA SYSTEM INCLUDING SIMULTANEOUS PHASE AIDING AND PHASE CANCELING ELEMENTS, and executed a United States patent application therefor on the following date(s):

(1) _____, (2) _____,
(3) _____, and (4) _____.

Whereas, SENSORMATIC ELECTRONICS CORPORATION, a corporation of Nevada, having a place of business at 6600 Congress Avenue, Boca Raton, Florida 33487, United States of America (hereinafter referred to as SENSORMATIC), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to SENSORMATIC, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to SENSORMATIC, its successors and assigns; and we hereby agree that SENSORMATIC may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by SENSORMATIC.

Signed and sealed:

<u>Sept. 1, 2004</u> (date)	Brent F. Balch	<u>Brent F. Balch</u> (signature)
	(Address)	<u>1821 NW 43 St.</u> <u>FT. LAUDERDALE, FL 33309</u>
Witness (1)	(Name)	<u>Jack Schneider</u> Jack Schneider
	(Address)	<u>8773 NW 27th St</u> <u>CORAL SPRINGS, FL 33065</u>
Witness (2)	(Name)	<u>Robert A. McLenore</u> Robert A. McLenore
		<u>4126 NW 42nd Place</u> <u>Coconut Creek, FL 33431</u>

20/12/2004
(date)

John O'Connell

John O'Connell
(signature)

(Address)

No. 134 Dan Egan, Carrigaline
Cork, Ireland

Witness (1)

(Name)

Mary Callaghan

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11 Glenwood, Carrigaline
Cork

Witness (2)

(Name)

Peter Barry

(Address)

6 Park Rd., Cabb.
C. Cork

(date)

William H. Hurd

(signature)

(Address)

Witness (1)

(Name)

(Address)

Witness (2)

(Name)

(Address)

	John O'Connell	
(date)	(Address)	(signature)
Witness (1)	(Name)	
	(Address)	
Witness (2)	(Name)	
	(Address)	

9/04/04	William H. Hurd	<i>Wm Hurd</i>
(date)	(Address)	(signature)
		27 Manor Orchard, Thornbury View Rochestown, Co. Du., Ireland
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8/26/2004
(date)

Tom Spalding

Tom Spalding
(signature)

(Address)

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Witness (1)

(Name)

Ann Larkin

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Witness (2)

(Name)

Ms. Bernadette

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Serial No. 10/854, 878

Docket # CH-1219

Attorney FC

THE FOLLOWING HAS BEEN RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ON THE DATE STAMPED HEREON:

- EXPRESS MAIL CERTIFICATE
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- _____ SHEETS OF DRAWINGS
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- EXTENSION OF TIME
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- ISSUE FEE TRANSMITTAL
- CERTIFICATE OF CORRECTION
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- OTHER: IN DUPLICATE
- OTHER: _____
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DATE MAILED DEC. 20, 2004